

020734

To: W. M. Sirola

From: John C. Lund

Subject: RAINY HOLLOW AREA OF B.C.

October 12, 1972

Below are a few comments on the Rainy Hollow Area.

1. The Panther Mines discovery lies about 2 miles WSW of Mt. Glave at about 4,000 feet elevation.
2. Over 1,000 claims are reported staked in the area, 400 are held by Panther.
3. The Panther showings are near a sediment - Quartz diorite contact and a Quartz diorite - granite contact.
4. Regional trends are north-westerly: Locally the sediment rocks are distorted near the granitic contacts.
5. The intrusive mass is multiphase - Quartz diorite, granodiorite, granite, and porphyritic granite phases are reported. The extent of each is not mapped, however, the granite phase appears to be central to the main mass.
6. All deposits described in Bull No. 25 are associated with skarn. Two, the Three Guardsmen and Maid of Erin have reported massive magnetite associated. The deposit nearest the Panther find (The Lawrence) has no magnetite reported.
7. Ore Minerals  
Maid Of Erin - bornite, chalcopryrite, chalcocite, wittichenite, magnetite. Location -  $2\frac{1}{2}$  miles north-west of the hairpin bend.  
State of Montana - barrite, chalconite, sphalerite. Location - western base of copper Butte,  $1\frac{1}{2}$  miles north of the hairpin bend.  
Adams - galena, sphalerite, small amount of chalcopryrite. Location - 1 mile north-east of hairpin curve in road.  
Victoria - sphalerite and galena, some chalcopryrite. Location - east of Inspector Creek. 1 mile north-west of hairpin bend at elevation 2,810 and 2,930.  
Lawrence - galena, sphalerite. Location -  $3\frac{1}{2}$  miles north-east of hairpin bend. Elevation 4,040 and 4,140.
8. From data available a plot of reported rock types suggests that the large intrusion is a 3 phase mass with some feldspar porphyry dykes.

Granite forms the core with granodiorite as the main mass surrounding granite. Quartz diorite occurs mainly in the south and south-east and east in part peripheral to the granite and granodiorite.

9. The granite - granodiorite, granite - quartz diorite or granodiorite - quartz diorite contacts could be favourable areas to look for porphyry type mineralization.
10. Areas which could be of interest lie to the south-east of Rainy Hollow where the possible granodiorite - quartz diorite contact should be and NNW of Rainy Hollow where granite is in contact with granodiorite.
11. The sediment rocks are Palæozoic in age (Cache Creek) hence the possibilities of contact type deposits are not great and exploration should be directed toward porphyry type mineralization within the intrusion.

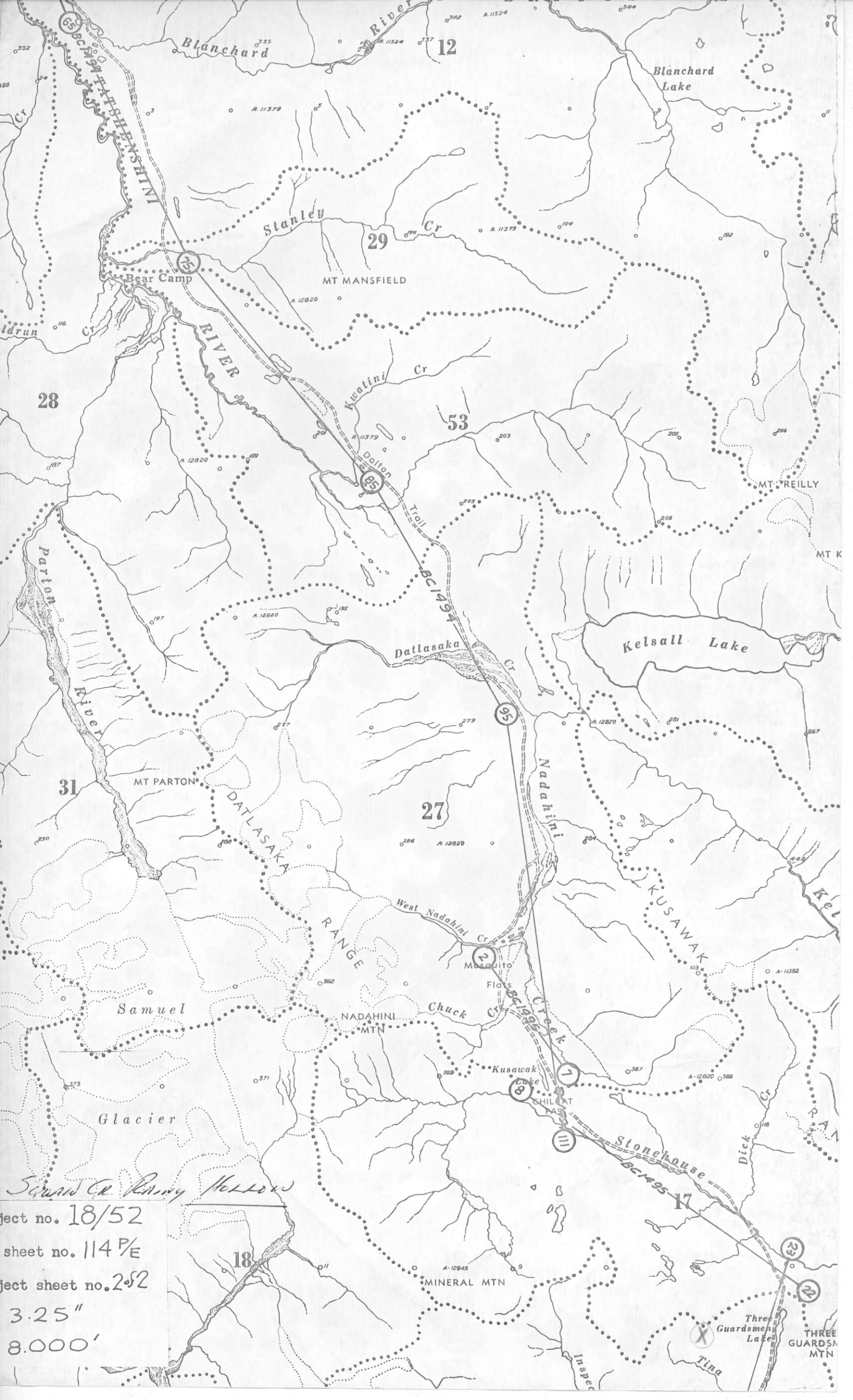
JCL/ah

  
J. C. Lund



granite  
 porph. granite.





Blanchard

12

Blanchard Lake

Stanley Cr

29

MT MANSFIELD

Bear Camp

28

Kwatini Cr

53

Dalton

MT REILLY

MT K

Datlasaka Cr

Kelsall Lake

Parton River

31

MT PARTON

27

DATLASAKA RANGE

Nadahini Cr

KUSAWAK RANGE

West Nahahini Cr

Mosquito Flats

Samuel

NADAHINI MTN

Chuck Cr

Kusawak Lake

Glacier

CHILPAT

Stonehouse

Stonehouse

Dick Cr

*Squaw Cr. Rainy Hollow*

ject no. 18/52

sheet no. 114 P/E

ject sheet no. 252

3.25"

8,000'

18

MINERAL MTN

Three Guardsmen Lake

THREE GUARDSM MTN

Tina



Project no. 18/52  
Map sheet no. 114 P/E  
Project sheet no. 1 of 2

*Jounin Cr. Rainy Hollow*